

ABSTRACT OF THE DISCLOSURE

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The present invention includes an electronic device workpiece processing apparatus and method of communicating signals within an electronic device workpiece processing apparatus. One embodiment of an electronic device workpiece processing apparatus includes a chuck including a surface, an electrical coupling adjacent the surface, and electrical interconnect configured to connect with the electrical coupling of the chuck and conduct a signal within the chuck; an intermediate member having a first surface and a second surface and the intermediate member including: an electrical coupling adjacent the first surface and configured to couple with the electrical coupling of the chuck; an electrical coupling adjacent the second surface; and an electrical interconnect configured to connect the electrical coupling adjacent the first surface and the electrical coupling adjacent the second surface; and an electronic device workpiece configured to couple with the second surface of the intermediate member, the electronic device workpiece including a sensor and an electrical coupling configured to provide electrical connection of the sensor with the electrical coupling of the second surface of the intermediate member.